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Appn. Number: 10/812,217
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Applicant: Kevin Tisue
Appn. Title: Lightweight Three-Link Cycle Seat Clamp
Examiner/GAU: Erika Garrett/3636
Date: October 12, 2006

Amendment D

Assistant Commissioner for Patents
Washington D.C. 20231

Dear Sir/Madam:

In addition to Amendment A, Amendment B, Amendment C, and in response to the office action mailed September 13, please amend the above application as follows:

Claims:

In response to the office action mentioned above, and with respect to the previous rejection of claims under 35 U.S.C. 112, and under 35 U.S.C. 102 after Amendment B, applicant wishes to amend Claims 1, and 5 as indicated below.

1. (currently amended) A rigid, cycle seat clamping assembly ~~for attaching~~ configured to attach a seat to a cycle, comprising ~~three links~~, a first of said ~~three links~~ link having a cycle seat post for attachment to the cycle at one end, a second of said ~~three links~~ link having a cycle seat clamping structure, a third link for providing support between said first link and said second link, each of said three links being attached to each other in a triangular truss configuration having three pivotable axes.
2. (previously presented) The seat clamping assembly of claim 1 further comprising angular position adjustment means for adjusting angular position of said seat.
3. (previously presented) The seat clamping assembly of claim 1 further comprising horizontal position adjustment means for adjusting horizontal position of said seat.
4. (previously presented) The seat clamping assembly of claim 1 further comprising horizontal offset adjustment means for adjusting horizontal offset of said seat clamping assembly.

5. (currently amended) A rigid, cycle seat clamping assembly ~~for attaching~~ configured to attach a seat to a cycle comprising a quill link having a cycle seat post for attachment to the cycle at one end, a clamp link for attachment of the seat, and a support link for providing support between said quill link and said clamp link, each of the links having means for attachment to each other in a triangular truss configuration having three pivotable axes.
6. (previously presented) The seat clamping assembly of claim 5 further comprising angular position adjustment means for adjusting angular position of said seat.
7. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means alters distance between at least two of said three pivotable axes.
8. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the quill link for changing the angular position of said seat.
9. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the clamp link for changing the angular position of said seat.
10. (previously presented) The seat clamping assembly of claim 6 wherein said angular position adjustment means comprises the support link for changing the angular position of said seat.
11. (previously presented) The seat clamping assembly of claim 5 further comprising a horizontal position adjustment means for adjusting horizontal position of said seat.
12. (previously presented) The seat clamping assembly of claim 5 further comprising horizontal offset adjustment means for adjusting horizontal offset of said seat clamping assembly.
13. (previously presented) A method for attaching a cycle seat to a cycle comprising the steps of providing a three-link truss support structure having three pivotable axes; providing a seat post as a portion of a first of said three links; attaching said seat post to said cycle, and attaching a second of said three links to said seat.
14. (previously presented) The method described in claim 13 further comprising the step of providing angular position adjustment means for adjusting angular position of said seat.

15. (previously presented) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing quill link means for providing adjustment of the angular position of said seat.
16. (previously presented) The method described in claim 15 further comprising the step of providing pivot adjustment collar means for providing adjustment of the angular position of said seat.
17. (previously presented) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing clamp link means for providing adjustment of the angular position of said seat.
18. (previously presented) The method described in claim 17 wherein the step of providing the clamp link means comprises the step of providing means for providing adjustment of the angular position of said seat by clamping at least one seat rail in different locations.
19. (previously presented) The method described in claim 14 wherein the step of providing the angular position adjustment means comprises the step of providing a support link means for providing adjustment of the angular position of said seat.
20. (previously presented) The method described in claim 13 further comprising the step of providing for adjustment of a horizontal offset of said support structure.